

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: EMS Technologies, Inc.)	
)	
Serial No.: Filed Herewith)	Group Art Unit: unknown
)	
File Date: August 28, 2003)	Examiner: unknown
)	
Inventor(s): JANOSCHKA, Darin N.)	
)	
For: WIPER-TYPE PHASE SHIFTER WITH)	
CANTILEVERS SHOE AND)	
DUAL-POLARIZATION ANTENNA WITH)	
DRIVEN PHASE SHIFTERS)	
)	

INFORMATION DISCLOSURE STATEMENT

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August 28, 2003

Sir:

In accordance with 37 C.F.R. § 1.56, Applicant submits herewith form PTO-1449 disclosing all known documents material to patentability for the application identified above. Applicant respectfully requests consideration of the cited documents and making the same of record in the prosecution of this U.S. application. Copies of these documents are enclosed.

No fee is believed to be due, as this Information Disclosure Statement is submitted before receipt of this application's first Official Action on the merits. 37 C.F.R. § 1.97(b)(3). However, if the United States Patent and Trademark Office finds that a fee is due, please charge to deposit account no.: 50-2591

Respectfully submitted,



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	Filed Herewith
Filing Date	August 28, 2003
First Named Inventor	JANOSCHKA, Darin N.
Group Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	8E07.1-070

U.S. PATENT DOCUMENTS[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 58-075901	05/07/1983	YAMAMOTO OSAMU	Abstract of Japan	
		JP 58-075901	05/07/1983	YAMAMOTO OSAMU	Japanese Translation	
		JP 06-326501	11/25/1994	SUMITOMO ELECTRIC IND LTD	Abstract of Japan	
		JP 10-013103	01/16 1998	N T T IDO TSUSHINMO KK NIPPON DENGIYOU KOSAKU KK	Abstract of Japan	

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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